

SOME NEW LOCALS IN THE MAINE FLORA. Botanical excursions in Maine during the seasons of 1971 and 1972 have resulted in the discovery of some interesting and unusual plants.

Aster dumosus L. North side of Lovewell Pond, Fryeburg, Oxford County, September 3, 1971. During a day visit in the Fryeburg area a friend led me to where excavation work was being done to uncover an ancient Abenaki campsite. It was at this digging that I found a large number of these Asters growing in the damp yellow sand along the shore. This location is an extension of its known range, it never having been found north of York County. Another plant of interest growing in the same area was *Panicum rigidulum*.

Isotria medeoloides (Pursh) Raf. North Sebago, Cumberland County. Nineteen years ago Mrs. Iva Knight of Kennebunk found the only known station of this rare orchid in the state. During the preceding years she visited this location three or four times but never saw signs of this plant again. It was doubtful that after nineteen years *Isotria* could ever be found, but on June 7, 1972, following a well defined map which Mrs. Knight had drawn for me, I found the area, and within a very short time I came upon two of the plants. These orchids were growing under deciduous trees in leaf mould next to a small brook. It was interesting to note that a number of plants of *Habenaria Hookeri* were growing in the same area.

Epipactis Helleborine (L.) Crantz. This European weed orchid was first reported in the state about ten years ago by Dr. A. E. Brower of Augusta. He found this orchid growing at Benton Falls, in Kennebec County. I have come across this plant numerous times in the past two years. On August 7, 1971, C. Paul Wight and I found two stations of *Epipactis* growing among white pines in Cornish, York County. A week later, I found another station under red maples in Saco, York County. The following week I found

it growing in a dense beechwood growth in Stow, Oxford County.

On August 6th of 1972, while walking along a large glacial esker called "the Ridge" in Chesterville, Franklin County, I found *Epipactis* growing on the gravel slopes among grasses and ferns. I found it again on the same day, on Day Mountain in Strong, Franklin County, where it was growing in profusion from the base of the mountain to the summit. The eastern slope of the mountain is composed of calcareous slate in which many rare plants can be found, namely *Panax quinquefolium*, *Carex plantaginea*, *Dryopteris Goldiana* and *Asplenium Trichomanes*. An account of the flora of Day Mountain by C. H. Knowlton can be found in one of the early numbers of this journal (*Rhodora* 6: 206, 1904).

Conopholis americana (L.) Wallr. Day Mountain, Strong, Franklin County, August 30, 1972. While exploring the eastern part of the mountain I came across a number of these root parasites growing under red oaks. This is well north of previously reported stations at York, Cumberland, Oxford, and Androscoggin Counties.

Specimens of the species mentioned have been deposited in the herbaria of the University of Maine and the New England Botanical club. Photographs were deposited in lieu of specimens in the case of *Isotra medeoloides*.

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